

AMENDMENTS TO THE SPECIFICATION

I. Please replace the Title on Page 1, Line 1, with the following amended

Title:

**ROTOR FOR A MOTOR CORE WITH MAGNETS ON THE OUTER
PERIPHERY OF THE CORE HAVING A SINE OR TRAPEZOIDAL WAVE**

**II. Please replace the paragraph on page 5, lines 2 – 9 with the following
amended paragraph:**

The opening (112) is slightly widened and the silicon steel sheets (1) provide a clamping force to each magnetic element (2) when the magnetic element (2) is laterally inserted into a corresponding one of the grooves (102) in the body ~~(12)~~ (10). The magnetic element (2) has a trapezoid cross-section corresponding to the bottom (111) and the opening (112) of each of the apertures (11) so that the magnetic elements (2) should not be detached from the rotor (10) due to the centrifugal force of the operating rotor (10).